The Special Chemistry/Toxicology section of the Department of Pathology and Laboratory Medicine will begin performing the Helicobacter pylori Ab IgG test with the Wampole Laboratories ELISA II method on the Dynex DS2 analyzer on April 1, 2013. The testing moves from the Diamedix MAGO Plus ELISA method.

Sample Requirements
Collect: One 4-mL SST (gold top) or serum (red top) vacutainer tube

Specimen Preparation: None

Storage/Transport: Separate serum and transport at 2-8°C if sample will not reach laboratory within 8 hours.

Stability: Unspun samples and separated serum samples are stable at room temperature for up to 8 hours. Separated serum is stable at 2-8°C for up to 48 hours, or at -20°C for longer storage.

Unacceptable Conditions: Any sample type other than as stated above is unacceptable. In addition, grossly contaminated, hemolyzed, lipemic, and icteric specimens are unacceptable.

Reference Interval: ≤ 0.90 Index Value

Routine Testing: Performed Mondays, Wednesdays, and Fridays on day shift

Interpretation of Results

Results for Helicobacter pylori Antibody IgG will be reported as follows:

<table>
<thead>
<tr>
<th>Result</th>
<th>Index Value</th>
<th>Interpretation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Negative</td>
<td>≤ 0.90</td>
<td>An index value ≤ 0.90 indicates no detectable IgG antibody to H. pylori. A negative result indicates no current or previous infection with H. pylori. Such individuals are presumed to be susceptible to primary infection.</td>
</tr>
<tr>
<td>Positive</td>
<td>≥ 1.10</td>
<td>An index value ≥ 1.10 is positive for IgG antibody to H. pylori. A positive test result indicates a current or previous infection with H. pylori.</td>
</tr>
<tr>
<td>Equivocal</td>
<td>0.91-1.09</td>
<td>If clinically indicated, repeat collection and testing in 10-14 days.</td>
</tr>
</tbody>
</table>

If you have questions or need additional information please contact Laboratory Client Services at 734-7373 or email pathologyclientservices@ucdmc.ucdavis.edu.